

GENERAL NOTES:

USE CLASS "B" CONCRETE THROUGHOUT.

PROVIDE ALL GRATED DROP INLETS OVER 3'-6" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.

OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.

USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.

CONSTRUCT WITH PIPE CROWNS MATCHING.

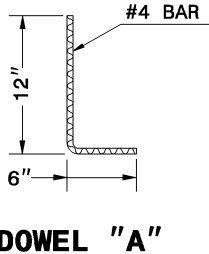
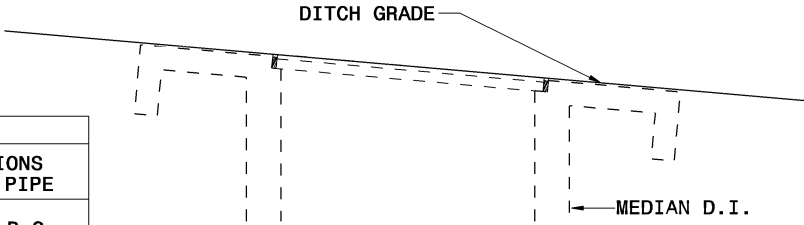
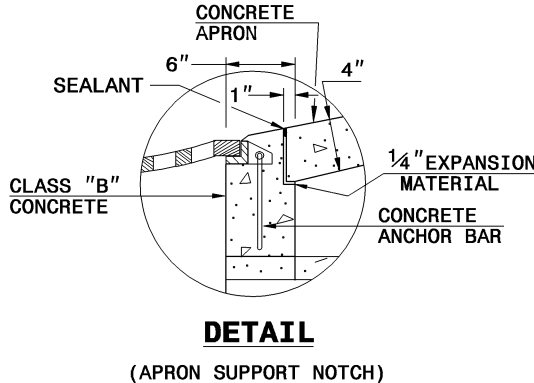
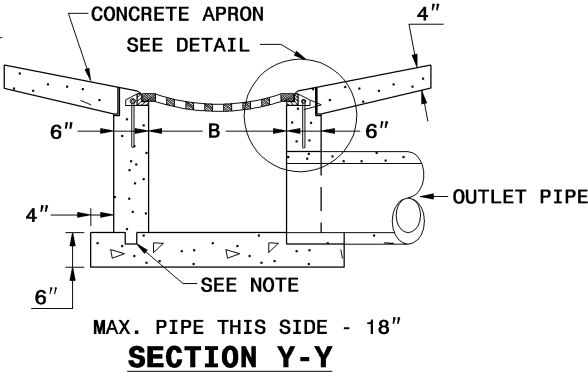
MAX. DEPTH OF THIS STRUCTURE FROM TOP OF BOTTOM SLAB TO TOP ELEVATION IS 12 FEET.

USE STANDARD FRAMES AND GRATES 840.22 (SHOWN), 840.24 (SHOWN), 840.20, 840.29, AND 840.33.

SEE STANDARD DRAWING 840.25 FOR ATTACHMENT OF FRAMES AND GRATES NOT SHOWN.

CHAMFER ALL EXPOSED CORNERS 1".

DRAWING NOT TO SCALE.



| MINIMUM DIMENSIONS AND QUANTITIES FOR CONCRETE GRATED DROP INLET |       |       |        |                                |               |              |       |                         |       |
|--|-------|-------|--------|--------------------------------|---------------|--------------|-------|-------------------------|-------|
| PIPE   | SPAN  | WIDTH | HEIGHT | CUBIC YARDS OF CONCRETE IN BOX |               |              |       | DEDUCTIONS FOR ONE PIPE |       |
| D  | A     | B     | H      | BOTTOM SLAB                    | H PER FT. HT. | H MIN. TOTAL | TOTAL | C.S.                    | R.C.  |
| 12"  | 3'-8" | 2'-0" | 2'-6"  | 0.362                          | 0.247         | 0.597        | 0.958 | 0.020                   | 0.032 |
| 15"  | 3'-8" | 2'-0" | 2'-9"  | 0.362                          | 0.247         | 0.659        | 1.021 | 0.023                   | 0.036 |
| 18"  | 3'-8" | 2'-0" | 3'-0"  | 0.362                          | 0.247         | 0.720        | 1.082 | 0.033                   | 0.049 |
| 24"  | 3'-8" | 2'-0" | 3'-6"  | 0.362                          | 0.247         | 0.865        | 1.227 | 0.059                   | 0.085 |
| 30"  | 3'-8" | 2'-0" | 4'-0"  | 0.362                          | 0.247         | 0.988        | 1.350 | 0.092                   | 0.127 |
| 36"  | 3'-8" | 2'-0" | 4'-6"  | 0.362                          | 0.247         | 1.112        | 1.474 | 0.132                   | 0.178 |